

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2009 Levee Inspection Results

Reclamation District No. 0307

| | Spring (March - May) | Summer ** (June - August) | Fall (September - November) | Winter ** (December - February) |
|----------------------------------|-------------------------|------------------------------|--------------------------------|------------------------------------|
| * Overall LMA Rating (Fall Only) | | | | |

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

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SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

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**Flood Control Project Maintenance
Levee Inspections
Unit Cover Sheet
Spring 2009 Levee Inspection Results
Reclamation District No. 0307**

| Waterway | | Bank | Unit Miles |
|------------------------------|--|-------|------------|
| Unit No. 01 Sacramento River | | Right | 6.70 |

| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
|--|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit Maintenance Rating (Fall Only) | | | | |
| Date of Inspection | 3/20/2009 - 3/20/2009 | | | |
| DWR Inspector | Herman Phillips | | | |
| Accompanied By | Pete Dwyer R.D. 307 | | | |

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000.

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0307

| Waterway | | | | | | Bank | Unit Miles | Inspection Start/End | | Inspector | |
|------------------------------|--|--|--|--|--|-------|------------|--------------------------|--|--------------------|--|
| Unit No. 01 Sacramento River | | | | | | Right | 6.70 | 03/20/2009 03/20/2009 | | Herman Phillips | |

| LMR Line | Levee Mile | | Category | Item | Location * | Rating ** | Action/Comment | GPS Latitude/Longitude | | Photo | Issue |
|----------|------------|------|---------------|-------------------|---------------|--------------|--|------------------------------|------------------------------|-------|-------|
| | Start | End | | | | | | Start | End | | |
| 1 | 0.01 | 0.08 | Earthen Levee | Vegetation | WS | M | Remove the wild growth other than native grasses from the levee slopes. | 38.480057 ° -121.549337 ° | 38.479202 ° -121.548415 ° | | 95 |
| 2 | 0.02 | 0.43 | Earthen Levee | Trim / Thin Trees | LS | M | Trim trees to at least five feet above ground level. | ° ° | ° ° | | 950 |
| 3 | 0.09 | 1.10 | Earthen Levee | Vegetation | LS | U | Remove the wild growth other than native grasses from the levee slopes. | 38.478967 ° -121.548455 ° | 38.472927 ° -121.532507 ° | | 64 |
| 4 | 0.19 | 0.19 | Earthen Levee | Encroachments | WS | C | Garbage | 38.477973 ° -121.547138 ° | 38.477973 ° -121.547138 ° | | 65 |
| 5 | 0.20 | 3.30 | Earthen Levee | Trim / Thin Trees | LS | C | Trim trees to at least five feet above ground level. | 38.477902 ° -121.546955 ° | 38.459727 ° -121.504542 ° | | 3 |
| 6 | 0.29 | 0.35 | Earthen Levee | Trim / Thin Trees | LS | M | Thin trees to allow visibility of the ground and room to flood fight. | 38.477037 ° -121.545847 ° | 38.476428 ° -121.545062 ° | | 2 |
| 7 | 0.58 | 0.59 | Earthen Levee | Encroachments | LS | M | Equipment | 38.474575 ° -121.541620 ° | 38.474515 ° -121.541508 ° | | 4 |
| 8 | 0.68 | 1.29 | Earthen Levee | Vegetation | WS | U | Remove the wild growth other than native grasses from the levee slopes. | 38.474047 ° -121.539967 ° | 38.472943 ° -121.529130 ° | | 63 |
| 9 | 0.76 | 0.76 | Earthen Levee | Encroachments | LS | C | Tree or limb | 38.473462 ° -121.538660 ° | 38.473448 ° -121.538660 ° | | 67 |
| 10 | 1.00 | 1.00 | Earthen Levee | Encroachments | WS | U | Garbage | 38.472772 ° -121.534450 ° | 38.472788 ° -121.534412 ° | | 66 |
| 11 | 1.09 | 1.20 | Earthen Levee | Vegetation | WS | M | Remove the wild growth other than native grasses from the levee slopes. | 38.472908 ° -121.532762 ° | 38.472922 ° -121.530695 ° | | 94 |
| 12 | 1.39 | 1.40 | Earthen Levee | Encroachments | WS | M | Garbage | 38.472848 ° -121.527298 ° | 38.472860 ° -121.527148 ° | | 951 |
| 13 | 1.50 | 1.51 | Earthen Levee | Trim / Thin Trees | LS | U | Thin trees to allow visibility of the ground and room to flood fight. | 38.472960 ° -121.525295 ° | 38.472910 ° -121.525100 ° | | 7 |
| 14 | 1.50 | 1.51 | Earthen Levee | Trim / Thin Trees | LS | C | Trim trees to at least five feet above ground level. | 38.473005 ° -121.525252 ° | 38.473028 ° -121.525098 ° | | 69 |
| 15 | 1.51 | 1.52 | Earthen Levee | Vegetation | WS | C | Remove the wild growth other than native grasses from the levee slopes. | 38.473017 ° -121.525147 ° | 38.473048 ° -121.524853 ° | | 70 |
| 16 | 1.56 | 1.57 | Earthen Levee | Trim / Thin Trees | LS | C | Trim and thin trees to allow visibility of the ground and room to flood fight. | 38.472857 ° -121.524268 ° | 38.472767 ° -121.524077 ° | | 8 |
| 17 | 1.65 | 1.71 | Earthen Levee | Encroachments | LS | PO | Landscaping | 38.473013 ° -121.522548 ° | 38.473313 ° -121.521485 ° | | 9 |

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected
C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0307

| Waterway | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|--|--|--|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | | | | Right | 6.70 | 03/20/2009 03/20/2009 | Herman Phillips |

| LMR Line | Levee Mile | | Category | Item | Location | Rating | Action/Comment | GPS Latitude/Longitude | | Photo | Issue |
|----------|------------|------|---------------|-------------------|----------|--------|---|------------------------------|------------------------------|-------|-------|
| | Start | End | | | | | | Start | End | | |
| 18 | 1.68 | 1.68 | Earthen Levee | Encroachments | WS | C | Tree or limb | 38.473157 ° -121.522017 ° | 38.473162 ° -121.521925 ° | | 71 |
| 19 | 1.71 | 1.79 | Earthen Levee | Trim / Thin Trees | LS | C | Trim trees to at least five feet above ground level. | 38.473310 ° -121.521555 ° | 38.473268 ° -121.520065 ° | | 10 |
| 20 | 1.72 | 1.84 | Earthen Levee | Trim / Thin Trees | LS | U | Trim trees to at least five feet above ground level. | 38.473182 ° -121.521330 ° | 38.473228 ° -121.519087 ° | | 72 |
| 21 | 1.81 | 1.85 | Earthen Levee | Trim / Thin Trees | LS | U | Thin trees to allow visibility of the ground and room to flood fight. | 38.473262 ° -121.519722 ° | 38.473225 ° -121.518980 ° | | 12 |
| 22 | 1.96 | 2.05 | Earthen Levee | Vegetation | WS | M | Remove the wild growth other than native grasses from the levee slopes. | 38.473188 ° -121.516880 ° | 38.472948 ° -121.515323 ° | | 93 |
| 23 | 1.97 | 1.99 | Earthen Levee | Trim / Thin Trees | LS | U | Trim and thin trees to allow visibility of the ground and room to flood fight. | 38.473148 ° -121.516745 ° | 38.472953 ° -121.516332 ° | | 13 |
| 24 | 2.10 | 2.58 | Earthen Levee | Vegetation | WS | M | Remove the wild growth other than native grasses from the levee slopes. | 38.472863 ° -121.514355 ° | 38.469903 ° -121.506642 ° | | 92 |
| 25 | 2.27 | 2.29 | Earthen Levee | Encroachments | LS | C | Equipment | 38.472052 ° -121.511462 ° | 38.472117 ° -121.511090 ° | | 14 |
| 26 | 2.41 | 2.45 | Earthen Levee | Encroachments | LS | PO | Landscaping | 38.471328 ° -121.509132 ° | 38.471045 ° -121.508505 ° | | 16 |
| 27 | 2.63 | 2.63 | Earthen Levee | Encroachments | LS | PO | Buildings | 38.469163 ° -121.506320 ° | 38.469163 ° -121.506320 ° | | 18 |
| 28 | 2.72 | 3.01 | Earthen Levee | Vegetation | WS | M | Remove the wild growth other than native grasses from the levee slopes. | 38.467930 ° -121.505765 ° | 38.463880 ° -121.505183 ° | | 91 |
| 29 | 2.74 | 2.75 | Earthen Levee | Vegetation | LS | M | Elderberries are blocking visibility and flood fight capability. | 38.467675 ° -121.505837 ° | 38.467462 ° -121.505805 ° | | 20 |
| 30 | 2.99 | 3.03 | Earthen Levee | Encroachments | LS | PO | Fences Inspector Comments: Photo has been added to report to show the encroachment. The land owner has goats inside this fence area. There is no need for this fence to be on the levee section. | 38.464055 ° -121.505350 ° | 38.463517 ° -121.505270 ° | Y | 22 |
| 31 | 3.05 | 3.13 | Earthen Levee | Vegetation | WS | M | Remove the wild growth other than native grasses from the levee slopes. | 38.463250 ° -121.505098 ° | 38.462127 ° -121.504943 ° | | 90 |
| 32 | 3.17 | 3.28 | Earthen Levee | Vegetation | WS | M | Remove the wild growth other than native grasses from the levee slopes. | 38.461610 ° -121.504892 ° | 38.460097 ° -121.504552 ° | | 89 |
| 33 | 3.29 | 3.30 | Earthen Levee | Trim / Thin Trees | LS | M | Trim trees to at least five feet above ground level. | 38.459847 ° -121.504533 ° | 38.459723 ° -121.504545 ° | | 74 |

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0307

| Waterway | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|--|--|--|--|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | | | | | Right | 6.70 | 03/20/2009 03/20/2009 | Herman Phillips |

| LMR Line | Levee Mile | | Category | Item | Location | Rating | Action/Comment | GPS Latitude/Longitude | | Photo | Issue |
|----------|------------|------|---------------|-------------------|----------|--------|--|------------------------------|------------------------------|-------|-------|
| | Start | End | | | | | | Start | End | | |
| 34 | 3.48 | 3.54 | Earthen Levee | Trim / Thin Trees | LS | C | Trim trees to at least five feet above ground level. | 38.457265 ° -121.503983 ° | 38.456312 ° -121.503662 ° | | 26 |
| 35 | 3.55 | 3.92 | Earthen Levee | Trim / Thin Trees | WS | M | Thin trees to allow visibility of the ground and room to flood fight. | 38.456253 ° -121.503482 ° | 38.451070 ° -121.502535 ° | | 88 |
| 36 | 3.67 | 3.70 | Earthen Levee | Trim / Thin Trees | LS | U | Trim trees to at least five feet above ground level. | 38.454548 ° -121.503153 ° | 38.454177 ° -121.503032 ° | | 29 |
| 37 | 3.71 | 3.75 | Earthen Levee | Encroachments | LS | CO | Landscaping | 38.453975 ° -121.503002 ° | 38.453432 ° -121.502925 ° | | 30 |
| 38 | 4.04 | 4.10 | Earthen Levee | Animal Control | LS | M | Exterminate rodents and backfill and compact or grout burrows. | 38.449352 ° -121.502632 ° | 38.448468 ° -121.502643 ° | | 75 |
| 39 | 4.05 | 4.13 | Earthen Levee | Vegetation | LS | C | Remove the wild growth other than native grasses from the levee slopes. | 38.449173 ° -121.502578 ° | 38.447985 ° -121.502617 ° | | 62 |
| 40 | 4.08 | 4.29 | Earthen Levee | Trim / Thin Trees | WS | C | Thin trees to allow visibility of the ground and room to flood fight. | 38.448745 ° -121.502600 ° | 38.445793 ° -121.502808 ° | | 87 |
| 41 | 4.10 | 4.27 | Earthen Levee | Trim / Thin Trees | LS | C | Trim trees to at least five feet above ground level. | 38.448425 ° -121.502667 ° | 38.446103 ° -121.502963 ° | | 76 |
| 42 | 4.27 | 4.31 | Earthen Levee | Encroachments | LS | PO | Fences Inspector Comments: This is a wire fence that runs along the slope and the shoulder of the landside levee. | 38.446057 ° -121.502892 ° | 38.445473 ° -121.502942 ° | | 35 |
| 43 | 4.27 | 4.34 | Earthen Levee | Vegetation | LS | U | Remove the wild growth other than native grasses from the levee slopes. | 38.446048 ° -121.502897 ° | 38.445013 ° -121.502993 ° | | 34 |
| 44 | 4.28 | 4.32 | Earthen Levee | Encroachments | LS | C | Fences | 38.445937 ° -121.502978 ° | 38.445385 ° -121.503038 ° | | 77 |
| 45 | 4.29 | 4.35 | Earthen Levee | Trim / Thin Trees | LS | U | Trim trees to at least five feet above ground level. | 38.445798 ° -121.502963 ° | 38.444932 ° -121.503083 ° | | 78 |
| 46 | 4.43 | 4.44 | Earthen Levee | Encroachments | LS | U | Crops | 38.443798 ° -121.503320 ° | 38.443637 ° -121.503323 ° | Y | 79 |
| 47 | 4.49 | 4.53 | Earthen Levee | Trim / Thin Trees | LS | M | Trim trees to at least five feet above ground level. | 38.442963 ° -121.503580 ° | 38.442422 ° -121.503842 ° | | 80 |
| 48 | 4.50 | 4.53 | Earthen Levee | Vegetation | LS | M | Remove the wild growth other than native grasses from the levee slopes. | 38.442777 ° -121.503578 ° | 38.442468 ° -121.503720 ° | | 37 |
| 49 | 4.72 | 4.72 | Earthen Levee | Trim / Thin Trees | LS | M | Trim trees to at least five feet above ground level. | 38.440118 ° -121.505342 ° | 38.440118 ° -121.505342 ° | | 38 |
| 50 | 4.78 | 4.83 | Earthen Levee | Trim / Thin Trees | LS | U | Trim trees to at least five feet above ground level. | 38.439397 ° -121.505997 ° | 38.438905 ° -121.506698 ° | | 81 |

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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N : Not Inspected
C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0307

| Waterway | | | | | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|--|--|--|--|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | | | | | Right | 6.70 | 03/20/2009 03/20/2009 | Herman Phillips |

| LMR Line | Levee Mile | | Category | Item | Location | Rating | Action/Comment | GPS Latitude/Longitude | | Photo | Issue |
|----------|------------|------|---------------|---------------------|----------|--------|---|------------------------------|------------------------------|-------|-------|
| | Start | End | | | | | | Start | End | | |
| 51 | 4.91 | 4.92 | Earthen Levee | Trim / Thin Trees | LS | M | Trim trees to at least five feet above ground level. | 38.438227 ° -121.507792 ° | 38.438138 ° -121.507960 ° | | 82 |
| 52 | 5.02 | 5.03 | Earthen Levee | Vegetation | LS | M | Remove the wild growth other than native grasses from the levee slopes. | 38.437377 ° -121.509462 ° | 38.437330 ° -121.509618 ° | | 41 |
| 53 | 5.10 | 5.10 | Earthen Levee | Encroachments | WS | M | Tree or limb | 38.436875 ° -121.510705 ° | 38.436875 ° -121.510705 ° | | 86 |
| 54 | 5.10 | 5.15 | Earthen Levee | Trim / Thin Trees | LS | M | Trim trees to at least five feet above ground level. | 38.436920 ° -121.510795 ° | 38.436637 ° -121.511592 ° | | 42 |
| 55 | 5.16 | 5.20 | Earthen Levee | Vegetation | WS | U | Remove the wild growth other than native grasses from the levee slopes. | 38.436532 ° -121.511837 ° | 38.436332 ° -121.512553 ° | | 85 |
| 56 | 5.32 | 5.37 | Earthen Levee | Encroachments | LS | PO | Landscaping | 38.435875 ° -121.514493 ° | 38.435767 ° -121.515408 ° | | 45 |
| 57 | 5.46 | 5.50 | Earthen Levee | Vegetation | LS | C | Remove the wild growth other than native grasses from the levee slopes. | 38.435667 ° -121.517145 ° | 38.435672 ° -121.517812 ° | | 47 |
| 58 | 5.50 | 5.52 | Earthen Levee | Encroachments | LS | C | Fences | 38.435672 ° -121.517813 ° | 38.435663 ° -121.518282 ° | | 48 |
| 59 | 5.71 | 5.73 | Earthen Levee | Vegetation | LS | U | Remove the wild growth other than native grasses from the levee slopes. | 38.435818 ° -121.521638 ° | 38.435788 ° -121.522053 ° | | 83 |
| 60 | 5.75 | 5.78 | Earthen Levee | Vegetation | LS | U | Remove the wild growth other than native grasses from the levee slopes. | 38.435878 ° -121.522347 ° | 38.435923 ° -121.522940 ° | | 51 |
| 61 | 5.75 | 5.79 | Earthen Levee | Vegetation | LS | M | Remove the wild growth other than native grasses from the levee slopes. | 38.435888 ° -121.522462 ° | 38.435940 ° -121.523173 ° | | 52 |
| 62 | 5.79 | 5.84 | Earthen Levee | Trim / Thin Trees | LS | M | Trim trees to at least five feet above ground level. | 38.435938 ° -121.523173 ° | 38.436013 ° -121.524097 ° | | 53 |
| 63 | 5.99 | 6.03 | Earthen Levee | Vegetation | LS | U | Remove the wild growth other than native grasses from the levee slopes. | 38.436202 ° -121.526813 ° | 38.436152 ° -121.527535 ° | | 55 |
| 64 | 6.03 | 6.54 | Earthen Levee | Trim / Thin Trees | LS | U | Trim trees to at least five feet above ground level. | 38.436153 ° -121.527540 ° | 38.431365 ° -121.533490 ° | | 56 |
| 65 | 6.26 | 6.26 | Boat Survey | Boat Survey Erosion | LS | U | Inspector Comments: tree hazards, caves, tension cracks, slumping | ° ° | ° ° | | 949 |
| 66 | 6.32 | 6.32 | Earthen Levee | Encroachments | WS | M | Tree or limb | 38.434123 ° -121.532012 ° | 38.434123 ° -121.532012 ° | | 58 |

*** Location**

LS : Land Side
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CR : Crown

**** Rating**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2009

Reclamation District No. 0307

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Sacramento River | Right | 6.70 | 03/20/2009 03/20/2009 | Herman Phillips |

| | |
|--|---------------|
| Levee Mile Report Line | 30 |
| Start Levee Mile | 2.99 |
| End Levee Mile | 3.03 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| unauthorized fence located landward in RD 307. | |



| | |
|--|---------------|
| Levee Mile Report Line | 46 |
| Start Levee Mile | 4.43 |
| End Levee Mile | 4.44 |
| Location | Land Side |
| Category | Earthen Levee |
| Item | Encroachments |
| Unauthorized grapes vinyard with driplines placed within levee shouldr and slope Levee mile 4.5038.443822-121.503262 | |

*** Location**

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